

ABSTRACT OF THE DISCLOSURE

A system for use with a locomotive or an off-highway vehicle (OHV) processor controlling an auxiliary device. A driver selectively energizes the auxiliary device. A driver switch for selectively activates the driver. A driver controller area network (CAN) microcontroller controls the driver switch. A panel switch selectively supplies power to the driver CAN microcontroller and the driver switch. A power distribution system connects the driver CAN microcontroller and the driver switch to the panel switch. A panel CAN microcontroller responsive to the processor controls the panel switch.